Rec'd Feb 3

Washington Jan 30th 1875

My Dear Dr Engelmann

I take the liberty of sending you a couple of Specimens of Lemna which I should be glad to have you name for me if you have time. But if not take no trouble.

Sudler is with me almost daily. I suppose you often hear from him directly. I have learned to esteem him very much.

I saw Dr Gray for a couple of minutes last Monday as he passed through Washington from Washington!

A nice letter just received from Bellchamber What a fine fellow he is!

Very truly & respy Yours W. M. Canby

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

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Rec'd April 22nd
ans same day

Canby

Wilmington Apl. 17 1875

My dear Dr. Engelmann,

I received your
letter on the Coniferae of Colorado.
as soon as it was in the St. Louis Democrat
and have read it with a great
deal of interest; - all the more be-
cause that part of the ground you
have been over and describe is
familiar to me. The only criticism
I can offer is to make more the de-
clivities in the openings have proper
that there were no deciduous trees
in the Alts. But I noticed you
qualified that statement. I remember
in going up Pikes Peak that just
the plateau just at the foot of
the peak proper was covered for
several miles square

with a growth of Populus tremuloides.

I have passed the paper over to Pendler. who has taken it home to read and therefore cannot now refer to it but I believe you mention Juniperus occidentalis as one of the 3 conifers of Colorado. Commons has my copy of Vasey's flora but I believe he does not give the trees in that work. I am somewhat curious to know whether several trees we saw in the "garden of the Gods" just under the first fort hill did not belong to this species. I remember Mrs. Meehan, & I did think at when we saw them. Perhaps you may remember them.

I enclose two specimens of Juniper which I got in Florida

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Is in 1869. Can you name them for me?

Have you any information of Dr. Wolle. Was since you left Washington? I should much like to hear how they are getting on.

Jendrik has been employing himself lately in a literal trans-lation of "Faust" and informed me a few days since that he was more than fourthly done.

Yours truly,

W. H. Rauby

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Rec'd May 5
Ans May 15

2
152 A1
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Wilmington May 1st 1875

My Dear Dr. Engelmann

I certainly am
the one to apologize for leaving
you at such a rate. I really had
forgotten (having so much to think
of now outside of Botany) that I
had sent you the Lemnae before.
I am all the more obliged
for your kindness.
I dont think Sprague
is selling many copies of his
work. Dr. Gray has put off Carex
for him. As to myself I confess to
being utterly unable to follow him.
Very much obliged for the
specimens occidentalis &c. & very
curious in asp of the seeds. The
two ~~plants~~ does seem to differ a

Rec. May 7

Prof. Asa Gray

Cambridge

Mass.

Prof. dear Sir from the California plant. I hope you will soon be able to give us full description of all our Conifera &c. as so important commercially & interesting botanically.

I expect Dr. Sullivant here on Monday. The young lad is much better but still has a cough.

Our season is still very cold & backward — the buds just in leaf yet. The fruit trees show no blossoms yet.

Very truly Yours obliged

J. M. Canby

A note from Parry this morning locates him in N.M. Please give my compliments to Prof. Riley when you see him.

him to say to him that I have found
that worms of some kind occur &
thrive in the tubes of Darking trees
in the insects captured. We'll get de-
tails afterwards.

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Rec Aug 31

[illegible]

My Dear Dr. Engelmann

Your interesting
letter of the 15th has remained some
days unanswered on account of many
engagements which prevent my doing
this as much time & attention as I
should like to the subject of the
[illegible]

I am so glad the flowers of
South Louisiana [illegible] Dr. Engelmann
that you have done much to settle
[illegible] [illegible] [illegible] of any of
[illegible] in the vicinity of the [illegible]
[illegible] to find the [illegible]
[illegible]
[illegible]
[

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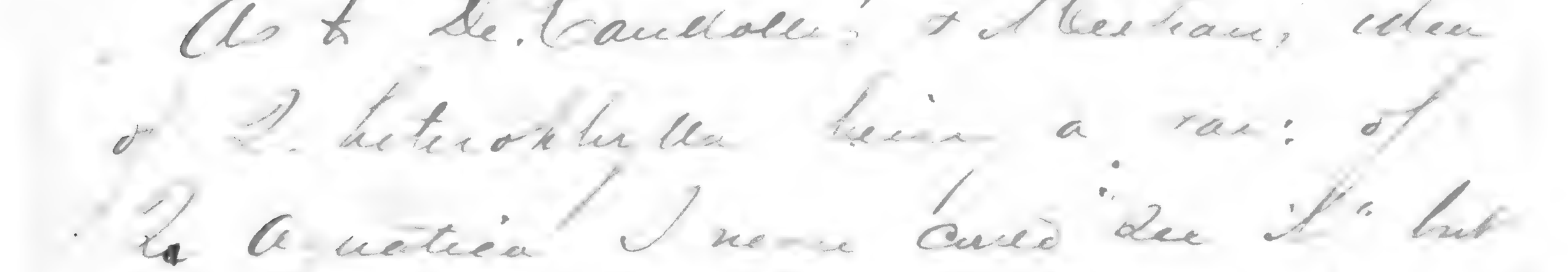
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Rec'd June 10th 1876
Am Sam Dy

[illegible] and in every case meri-
dian [illegible] I should transfer Sa cuneata
& Sa Wrightii [illegible] reading dis-
tinguish by the denitation of the two
forms that I have subjoined in the two
cases. Specimens of both of
these species from the two localities
I sent the specimens last spring.
That is a plant ten feet in
high. Mexican tells me you desire an
L. cuneata [illegible] I think I
succeeded that in two years were
more easily determined than the
C. Phellos & both quite
in the same county of our state. the
latter extending only a few miles.
Asa Dr. Gaudalupe & Mexican, when
L. heterophylla has a var: of
L. cuneata I never could see it. but
I may be wrong in two cases of the
dozen. If it is not a good species



which I have taken for true it is a var: of some other species than L. aquatica or a hybrid. There is a tree not far from this place (St. Louis) the leaves of which agree with your description. In another package I send you a branch of this with many acorns and a separate leaf from the lower part of the same tree to show the variation in dentation. I also send specimens of one L. Phellos, L. aquatica and of Carya micrococcha; rare same be as the pecan specimens I sent.

Tomorrow I repeat to Natural for Stone Mt. Ga. (but may be disappointed) and write father for L. sericea if I go. If anything special is needed drop me a line then as soon as this is received.

Yours truly J. M. Canby

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Dear Dr. Greenman,

I am able to say in regard to the leaves I showed on specimen that C. tomentosa was clearly distinct from C. punctata in any thin husked species by the pubescent leaves and shoots & and by the usually very thick husk and shell of fruit as well as by the shape of the fruit; - that C. tomentosa has usually obtuse or slightly oblong - that of C. punctata leaves almost always (with us) obovate. I have never been able to make any distinction in shape or number of teeth. C. micracantha I showed you also that the heart wood of C. tomentosa is always a fine

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white color and is much better for the use of wheelwrights &c than C. fraxinifolia which however is more durable when exposed to the ~~dr~~ weather as when made into rails &c, and which is a thin and the color of wild cherry wood. C. nigra C. microcarpa comes in somewhat between these two having the shape and general characteristics of the former & C. tomentosa but otherwise like C. fraxinifolia - differing from the former in the smaller size &c of the fruit and the latter in shape and characteristics of fruit. Without seeing, able to explain further, to any mind, as I know them from nature as I know a good species.

I know but little of C. Bolcata, but fruits according to it is of the species

Hey Said much thicker in bark & shell than in Q. alba and cannot compare with it for eating.

I am sorry I missed the oak spearing; but they are little worth or rather not worth anything - being very small meats not true to the type. They probably belong to the same species & only vary as plants will from seed.

I have been attacked with rheumatism in my thigh & could not get to Stone Mt. when Lucien left

I hope

Yours truly

H. H. Mellichamp

I send this morning Thursday

to Lucien this which is worth

in the package

H. Mellichamp

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Rec'd July 13

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Rec'd Aug 2

Aug 2 1906

Dear Dr. Engelmann

About 10 days since I made a flying call on Dr. Coulter and in talking over our proposed journey in the Mts. of Va. and N. Carolina he mentions the fact of your proposed trip east, and that you had drafted a list as to a possibility of your meeting us on this journey. Dr. Coulter requested me to write to you giving you the details so far as we had considered them and that I understood to do the same by you. I have been so pressed for business that I have been obliged to put it off until

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I expect to start there
about the 22d to 24th inst. and to
be gone about three weeks. The first
objective point will be Pisgah Mt.
Virginia. In this trip we go direct
by rail. I believe that Dr. Sargent then
(or perhaps in the very first place in-
tend, to get Mrs Sargent to the Hot Springs
on the French Broad river, where she will
remain during the rest of the season.
The point is but from 20 miles S.E.
from Asheville and is an excellent
botanical district. From here we shall
go into whatever locality in the Mts.
S.W.C. there seem most desirable
and accessible. As far as I am
personally concerned I shall be
wind up with a visit to Clarke Mt.
which is much nearer Brevard than Pisgah.
But the main thing that
I am writing for is this to say how

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pleasure it will give me to
receive it from and Mrs. Engelmann
will join us. Mrs. E. could stay with
Mr. Gray at the Spring, while we
could continue the exploration. I am
much hope you will decide in the
affirmative. Remember that a and then
you will have to examine the forests
of the Alt, including Abies Nasoni which
in arrets der in abundance on the higher
Alts. The party will probably consist
of D. and myself, Mr. Sargent, Mr.
Redfield & Phil and myself with the
ladies accustomed.

When do you come to Phila?
and will you pr. on the question, I
should like to know you answer
the latter in the affirmative: and I
have only to add that if it should
be convenient to you, my wife and I
would be delighted to have you and

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Mr. Engelmann visit us and stay
long as you can find it convenient.

Sincerely Yours

W. H. Ca[illegible]

I got the enclosed after I had
written the above. It will suit us
to have you by the 15th

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You must excuse [illegible] as I have already sent out more than two thirds of all the copies I [illegible]

Rec'd Dec 15th [illegible] Dec. 12 [illegible]

My Dear Dr. Engelmann

I know you

will and must excuse it if it is laid aside for a more convenient season. I only wish I

could do it more justice, but found it impossible to do at all and that it would not fit neatly in with the U.S. specimens. I have had the whole specimen for some time in my study, as I wished without a ray of doubt

to do something else but found it impossible to do at all and that it would fit neatly in with the U.S. specimens. I have had the whole specimen for some time in my study, as I wished without a ray of doubt

I thank you for your enquiries about our baby. Mrs. Gray & I send her kindest regard. & myself & Mrs. Engelmann and [illegible] say that our little one under the supervision of Aunt Ka and other nurses is growing finely. He does not creep but is otherwise quite active and in-

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bellegarti and is outgrowing viridula.
I am glad to hear — a stable when the oats. ~~Oats~~ as to S. heterophylla it has always been a doubt in my mind a. whether it is a species or not, the latter view predominating lately; if, as I & Kuhn it, elevation distinct and unvary- ing a wide extent of country (N.J. & N.C. at least) and though a considerable va- riant in time. I like the idea of Cadamea being distinct from muricata.

I made out the N.C. Polygala & be P. Senega var hyssopifolia, Engl. The Kansas Rhus Toxicodendron Mr. Bray will not pronounce upon until he sees the fruit. The Atlantic S. Lintonis = S. pauciflora a very handsome variety. The Kansas M. Hildeg- = S. planiculata Hk! (from the Bluffs.) Callirhoea, Portei, & = involucrata Porteri, Eng. The Rhodora by Hedeomathes pusilla H. atropurpurea rather than var: of H. occidentalis, the Salvia = coccinea, Huds., the Kansas Rhus Aromatica = R. canadensis Bart. The Louisiana & Alabama &c. &c. = R. Incisiliobia, &c. &c.

Must forget not to draw a the Flora Alb. Insects & Image cards when you train home. With best wishes & Mrs. Gray I am Yours truly Wm H. Canby

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Rec'd Feb 22 1877

Nebraska City Feb. 20th 1877

Mr Jean D. Leuzenhausen

Please favor me with your note and answer the criticism first. Of course you understand that the "little one" was only fifty feet in height. I used the dimensions in this manner inadvertently in the carpenters' specification rather than the botanical - the dimensions being used for feet in one and for inches in the other.

I went up the stream in my first trip on the East side - opposite to that we went up on and down the same. I remember distinctly that when we came out of the woods on the "prairie" there was no evidence. I spent two & the night

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But [redacted] next succession I have noticed" the
Sabbaeus there. You will remember that
then they were very trees and
a considerable notice had grown
since the growth in the eight years
intervening between the two visits. All
this is of very little account as re-
garding what I believe that the forest (and especially
the Sabbaeus or rather Abies nigra & Picea)
is encroaching rapidly upon the "bald"
parts of the mountains. If this be so it
leads to many interesting questions respe-
cting it if it be found to be the case in
the other "Bald" mountains.

But if this remain [illegible] in question
& however [illegible] of roots on allies,
I must confess that I have little pat-
ience; but let us take them in order,
and I will now merely the result of what
I remember in my observations on [illegible]

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I have here by me.

P. tricolor as what I was disposed to re-
mark that, was and is quite common along
the Roads in the Woods & fields
used to him. I enclose a couple of characte-
rised leaves number 21. I always dis-
tinguished them from those of L. Primus
by their being thicker, of firmer texture,
broader more irregularly sinuate and
more white downy beneath. They are
generally taking racute at base but sm
times obtuse. The long peduncle, one of
course, is general a striking distinction be-
tween the other differences. I have not be-
fore them by me I remember them
were others which used to puzzle me
by their leaves were like ~~[illegible]~~
L. Primus | towards which they varied also
in their shorter peduncles with the acute
calyx lips white downy. No. 2 is a vari-
ety from a tree near Deptford which grew at

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she is a foot inch in length - indeed 6
many days a foot inch and a half - that
is a half inch above the two acorn cups
upon it three acorns having been abor-
tive ones above them.

One other point in relation to an Oak.
I have a specimen from a tree at Salis-
bury N.C. Leaves & branch which seems
handy exactly with Michaux's Quer-
cus ? Falcata - cinerea, Engl. I can't
have any doubt that it is the same, for
as no Q. cinerea is known within ~~four~~
hundreds of miles how came it to be a
hybrid between cinerea & falcata?
I will ask Commons about them
matters when I see him.

Mrs. Canby desires her respects and
wishes me to say that the baby is still
improving, having some disposition & claws
and almost talks; but he is still quite bad-
ly for his age. I have remembrances to many
kinds to Mrs. Engelmann & Julia & me from all.

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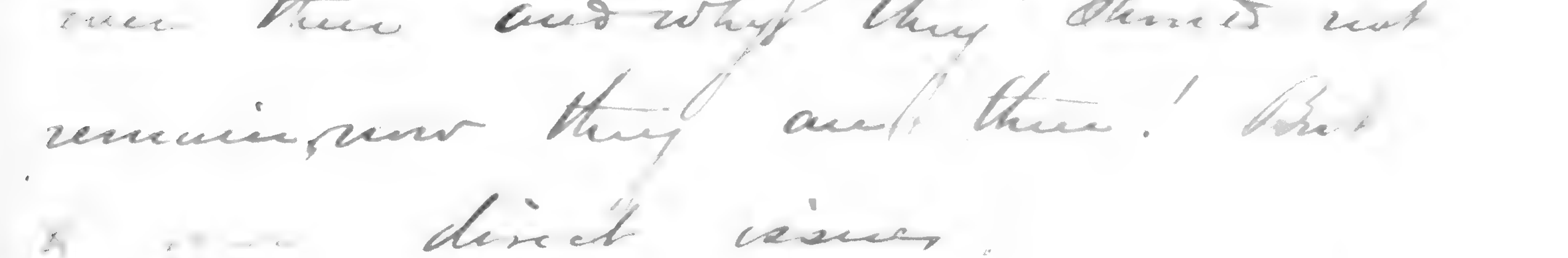
Rec'd March 16th
" 21

Wilmington March 7 1862

My Dear Dr. Engelmann,

Yours of 27th of last month came duly but I have been very busy indeed and I hoped to see Commons also; but have waited for him in vain. None from that I minded particularly - but I did want to note the fact that I could hardly doubt that the bare shoots on those mountains are becoming dwarfish. I know why they were there and why they should not remain where they are there! But

this dried piece



not then particularly struck on D. Michauxii - for had better specimens on the train? I mean does that from from any other place about here; and my Rhadd had purple (which indeed may be no purple at all when looked at again) is not that at all. The leaves are thinner than either bicolor or lucidum, But I will try & touch it up during next season if I can get time. Oh time, time, - such an emptiness of it for those who don't want it - such a lack of it for those who do.

Yes I noticed long ago that thick formed bark on D. Pinnsylvanica. Then on hundred, & trees just out of the city, on the Germantown hills, and beyond them & that" character is a marked one.

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I dunno (Scott Knows) that
the cinerea-falcata is just a
var: of falcata & not a hybrid.
How do you know that there
are any hybrids? In the oak, I mean.
Is it not
after all a sp? I called the
above Q. falcata var: when I pu-
blished it. You also looked over
for me & looked this specimen when
here.

As to that one of Commons
I thought them Q. intricaria when
I first saw them but suppose now
they can't be that, & not the down
of the under side of the leaves of in-
tricaria and of Commons' trees dif-
ferent from that of falcata? I can-
not upon now & do not know this.

[illegible] of the veronan
tion of falcata. I don't know it.
If you wish upon Q. heterophylla

being a hybrid (which I can't admit yet) its haunts are probably L. Phellos & L. paludosa.

Have I written enough for me? I can only wish I am on the hunt drawn & quartered by return mail.

Truly Yours

J. H. Ward

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Rec March 31st
Ans April 28

Wilmington March 28 1877

My Dear Dr. Engelmann,

I have your
of 24th and now reply but
not as fully as I could like to.

You may have got Polygala
Senega rubra Asheville but I
am satisfied in my mind (not
certain, as after [illegible] examination,
which I have not time to make)
that the Polygala which we saw
in common in Henderson Co. &
on the Caesars Head is not that
species which is common here
and strongly marked in habit
as well as in [illegible] other characters. It is very much like
P. pasciculata (also common here
here) but differs in longer ramose



in the caroncle, (digital), and
in the persistent "coats" in the
latter stem, like P. Muhlenbergii.
It is just what Darby got
near Washington and what
Schwein he said Darby called
P. Canadensis var. hyacinthoides.
As soon as Mr. Frankhauser, I
write for our very species, &
re-examine & make notes upon
them. And I think I can send
you good specimens of P. pectinata.
& other species if you want them.
In my Baldwick Charts of N.J.
and Del.) we have the follow-
ing species; P. Muhlenbergii, canescens, hyssopifolia,
incarnata, Darlingtonii, & a white
flowered var.) pectinata, Muhlenbergii
cuneata, serrulata, verticillata, dis-
tigma, Lenga, & var latifolia.
I put next specimens of the

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SSOURI BOTANICAL G...
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Hypericum from Kentucky that I
mentioned from you, but you pa
me one of what I suppose to be
a new! of H. prolificum. Your letter
from Iplenid was H. dolabriforme
which I have seen growing plen-
tifully in the vicinity of Mam-
moth Cave. The "hatchet shaped"
petals and irregular defoliation
very marked.

Dr. Gray thought the large
brown H. Hookeriana was, H. Hypericoides
Lam. but finally acknowledged that
it corresponded exactly with his
own specimens from Grand-
father Mt. (ten N.C. No. 2 f. 208)
of H. stoloniferum. H. Spathulatum has
I got in plenty. But I don't
think I have the one you name
him among mine. If read your
description I may mark the a-

[illegible] specimen of S. pubescens Ell.
I did not see anywhere that botton
of was for anna trim for it over
almost smooth, evidently belonging to
the Virgo-aurea section and as I thought
the sub-acicular stem and foliage; after
some examination I found the leaves
were pubescent beneath, stem
and them I found it was a smooth
stemmed-stemmed form of S. patula;
in fact I suppose the var: stricta
Am. Br. 2 p. 213.
I suppose there are Oak hybrids
but I dont know it - nor does
any one absolutely I suppose. I
liked with you about it remem-
bering how you were down on
somebody last summer who
was too certain of a thing he
thought must be so but couldnt
prove it. Another - I can't put

Rec Feb 21

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Rec April 29
Ans — 30

Pilularia [illegible]

M. Herb. D. Engelm —

Thinking you the known
as rather the Florida native I presume that
I collected on "Petit Ouachita" Arkansas the sec-
ond specimen of Pilularia which has been sent to
Mich. Lemmon in it, I believe a few
years ago from Dr. Hall Lemmon
L. Caldwell [illegible] Montana and Nuttall
Rockets [illegible] it I can send you from mine.
If these are there sent to be too good as
specimens of each as the
latter and others it true and I wish for-
ward the other specimens.

[illegible] Lemmon — Mem-
ate S. Florida, call St. Marie which I
take to be [illegible]

Author of M.

I take it and send a specimen of —

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the Rocky [illegible] Europa [illegible]
of the bundle comes without further notice
it will be that.

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Rec April 29
bc

Shreveport Apl. 26th 1878

Dear Dr. Engelmann,

Yes, I send you twigs of C. arcana - that I see plain enough now - and I shall know it in future although I ought to have known it before. It is common enough and well known in fruit. It usually grows on bottom lands, but the fruit I took the twigs from was away up on a rocky hill - so I mistook it for another one of previous. It does not touch really the issue between us. But in truth I am becoming more and more persuaded that you is right, though often I rather advocated it & favored the Ozarks view.

Not ever I send in twigs collected today in prairie Bienville 1, 2, 3, 4, 5, 6

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when please tell me the drawing and
then I will tell you about the trees.

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Rec July 27

Hancock Co. Sept 18[illegible]

My dear Dr. Engelmann

From Hindsdale

in deeding our lot in Mechanic Baptist
it duly assigned and recorded, but
to that I have not received yet
note of the 19th. I have been un
well preparing to get to a point we
can reached together - my Presbyterian
S.S.[illegible] Bishop of my R.R. take
me there and I intend a have
up & look as much as possible with
Baptists; and especially & by & look
up D. Gurley & C. Herman.

But I do not expect to do
much at Baptist until after July
so if you are willing & trust them
all I would like & keep my Specimens
till I can accompany them with them
in the Fall Lead. & perhaps in Sept
may to Dec. I will take your car

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of them is distinct of them as far
as known.

I start tomorrow night for
the South

Gordon writes me that he will soon
be near Spring in a week and he
publishes hopefully in the Am naturalist
His article Gray thinks together. Gray says
different from Lancaster as the
Lemon is totally distinct from any
other species I am acquainted.

Torr Ashton could not do
much with them or many of the
Cruciferæ and not much wonder,
as you know such a hard time: they
nearly all run together difficult
to distinguish in many cases; often that
character indescribable they are well marked
every site stem and sheath to the base,

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Rec June 8th
A — 19.

Christiansburg June 6th 1878

Dear Dr. Engelmann,

I propose to publish a new species of Baptisia from Florida in Bot. Gazette next month. I have the best of a new species, for on at the same time, Dr. Gray wants me to write out a full description of the species, but at present I have not specimens enough at hand nor can those of this &c. sufficient. But I hope to get them the coming season and have written a description. Writing in the abstract to the Gazette, now cite me an additional date. I can write also how to put yours in with mine as coming (the same as description. I mean

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Consolea [illegible] I want to
learn — at [illegible] to do as
[illegible] Arkansas A. [illegible] is [illegible]
[illegible] Days on the Atlantic
coast plant — but I have no [illegible]
of either. Most of the species
& the well marked but none as [illegible]
[illegible] C. [illegible] not well enough
known. Nor B. [illegible] C. [illegible]
[illegible]

By the way Rafinesque left out a
yellow flowered species in his collection
for [illegible] that the what he call
it, C. [illegible]

Now Viti — I dont think we
[illegible] I feel quite certain that
I saw it [illegible] the [illegible] in N. Ga.
when we were there in 1875. N. Carolina
I think we have it plenty and I write
here after the [illegible] are [illegible]

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as I may have opportunity. I notice a
notice in the Evt. Gazette of June 26th.
of the Flora of the Bermuda Islands.

I have a letter from Sweden which
interests me. I will endorse it in this; please
return it when read. It is outrageous that
this such an enormous Lepidoptera man should
be subjected to such trouble as this.
I wish something could be done to him
thought of to put an end to that can be
done by him

Yours truly,

C. V. Riley

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(Rec Feb 3')

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Sec 2

Pittsburgh Mar 29 1879

My dear Dr. Engelmann,

(It would) pain us the greatest pleasure to see you again and you on also.

I am just off with Ray Reid - Reid and Sargent for North Carolina the one a Smith. Mrs. Canby is in Ohio with our children and will not return until about Aug 1st. If the case has the would join me in Minot wards to you.

Indeed I hope that the Inflamed Chan - of air may benefit your eye.

Yours truly,

C. S. Sargent

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Colonnade Hotel
Cor. 15th and Chestnut Sts.
Philadelphia.
John Crump. Proprietor.

Saturday 187

My Dear Dr.,

Since I saw you I have attended a business meeting and find that a very important engagement has been made for me in this city on Monday evening. I think however that this will leave me free for Monday afternoon and Tuesday. At any rate I will be in Manheim before 4.15 P.M. or rather early enough in the afternoon or evening & follow you there for preparation. I will get Common if possible and if he is at home I think there will be no difficulty.

If we go in the afternoon we should have until 5 P.M. next day to look around & if the weather is fair-

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able here on doubt that you will see many plants & trees that will interest you.

It will be necessary to allow a full half hour to make the train at Vine St. Ferry from this hotel. The afternoon train leaves at 4.15. The morning at 8 o'clock.

Very sincerely

J. W. Engelmann

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Rec Feb 4

Philadelphia Feb. 1st 1881

My dear Dr. Engelmann,

I can not tell you the pleasure I have from your again especially as by the time of your letter I should take you to be in ford health and spirits,

I recollect nothing besides the Sarracenian which I grew in those little depressions in Stone Mt. with the Sorrels,

Very rarely; on the occasion of a strong S.E. wind, the water may be slightly brackish when I found of D. sarracenia growing. I think that you may omit with me to our locality in the Delaware. I have always found it growing above low tide and some distance below high tide mark, the bulbs imbedded in gravelly soil with two or three inches of tidal mud deposit on top of this. When the

hide is out, there portions of the pinnæ, above the rachis spread out flat, like the spoke of a wheel, on the mud. This is apt to be the case also with P. Baechana, while so far as I know, the in P. Engelmannii and the P. validæ the portions above the rachis are apt to be more nearly erect though spreading, somewhat like the upper part of a funnel. Sometimes they are wholly erect. In the former state, and rarely in both, the pinnæ resemble those of the P. Wrightiana with them.

The plants growing with P. Engelmannii vary according to locality. In one finds what the var. validæ grow (one fills up a locality destroys) then over the large & coarse pinnæ - P. acuminata? or P. Canadensis?) and a very large form of Hydrocotyle umbellata having sometimes leaves 2 inches in diameter & petioles 18 to 24 inches long. One of our best

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localities for this species was in ditches
in a small Sphagnous swamp. Other
species were many of the plants usually
found in such places, Arethusa Helonias
Sabbatia Viola lanceolata Lycopodium da-
vatum &c &c and in the thicket near by
Magnolia glauca Rhus venenata &c.
The var: valida of which I once sent
you a very large specimen grew in
a ditch by the side of a railroad. it
principal associates were Juncus, Carices
and acutae
of the ovales groups, Polygonum amfibium, &c.
I am always glad to answer
any of your questions that I can.
Kindly all interested ones & do this
much for me when you have done
and are doing so much for us.
I have & attend to numerous
more or less every day but am not
so entirely occupied as formerly. just
now however I am much confused
at times on account of the mag-

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poor state of Mrs. Cauby's eyes which
are a cause of great sadness and trou-
ble to us. She desires me to give
her kindest regards to you and to
express the hope in which I cordi-
ally join that you may get this
way again and visit us.

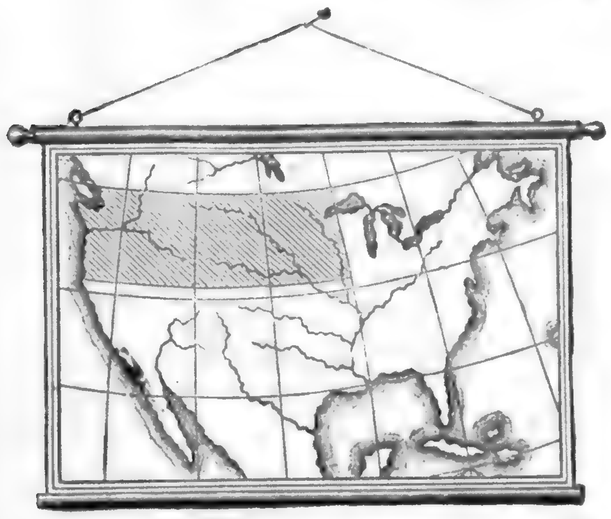
I had almost forgotten to say that
two years ago I put the suckers of Scirpus
in a pond or lake (partially artificial)
at Delaware Water Gap, Pa. The plant
was wholly winnowed.

Thus my cordially

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Rec- Oct 23[d]
Ans — 30



Northern Transcontinental Survey

DEPARTMENT OF ECONOMIC BOTANY
Wm. M. Canby, in charge.

Wilmington, Del. Oct. 19th 1882

Dear Dr. Engelmann,

Enclosed are the labels of a few plants I send by mail. I should be glad to know if the Opuntia which is common all over Montana in a variety of forms, is really O. Missouriensis, D.C.

As to the Rosa I took them while travelling & the forms of one species. There seemed to be almost every shade of transition. Since I have had a chance to examine them I begin to doubt this. But here they are and you can doubtless tell all about them. If you write about them I can tell which plant you mean if you mention the locality.

I spent yesterday afternoon yesterday with Sargent in Phila. From his acc[t] it seems that I not only missed you at Davenport but also at St. Paul by but one day! How provoking.

Sincerely Yours
Jno M. Canby

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Rec Nov 6
Ans Dec 29

Washington Nov. 2 1882

Dear Dr. Engelmann

Thanks for yours of Oct. 30th.

"Department of Economic Botany" is Prof. Pumpelly's term - a drapery altogether to [illegible] for the use in-stead of the term of the Northern Transcontinental Survey.

I only saw one Opuntia as I suppose and no Mammillaria.

There is no great fun in going over that arid country with the thermometer at 100° Fahr. at noon and almost down to freezing at night; doubtless I shall get tired enough of it before it is done.

As to Buckley's Botanies I don't

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see one once a month. I rarely get into the country except when I chase entirely Inak away which is seldom. Commons will Dam to do the observing & noting. Hmmm I think there are microcarpae of both alba & prmna; and a good deal of variation all round.

I thought that you had pre-empted Rosa & so I sent the specimens to

Jm.

Very truly Yours

J. M. Canby

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Rec'd May 31

Wilmington May 27th 1883

My Dear Dr. Engelmann,

I am truly sorry to hear of your indisposition but now that you are better I do hope that you may very soon regain your usual health and strength. As for the letter you did not have taken the trouble to answer it at all. The matter was very trifling and I felt or once of the sumes being so insignificant that I put it with my Herb. as such and felt entirely sure when afterwards I received it from Prings.

Profs. Campbell & Sargent and I expect to take the field for the North West annually about the middle of July & be absent about two months.

I am true your European friend who do you good. Faithfully Yours Wm Canby

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